

CLAIMS

1. A method of watermarking digital media data at a user device comprising the steps of:
receiving encrypted digital media data;
decrypting the digital media data into decrypted data;
decoding the decrypted data into uncompressed data;
generating a watermark signal comprising a digital media data content-related information and a user device specific indicator; and
embedding the watermark signal into the uncompressed data.
2. The method of claim 1, wherein the digital media content-related information is derived from information contained in copyright license data corresponding to the digital media data.
3. The method of claim 2, wherein the copyright license data includes information that is used to control playback of the digital media data content.
4. The method of claim 1, wherein the user device specific indicator includes the user device's unique identification data.
5. The method of claim 1, wherein the watermark signal further includes information on the identity of the digital media data content owner.
6. The method of claim 2, wherein the digital media data content-related information includes the digital media data content subscriber information.
7. The method of claim 2, wherein the digital media data content-related information includes the expiration date of the copyright license.
8. The method of claim 2, wherein the digital media data content-related information includes information on distribution rights of the copyright license.

9. The method of claim 2, wherein the digital media data content-related information includes information on the geographical limitations on the copyright license.
10. The method of claim 1, wherein the digital media data is multimedia data.
11. A user device adapted and configured to
receive encrypted digital media data;
decrypt the digital media data into decrypted data;
decode the decrypted data into uncompressed data;
generate a watermark signal comprising a digital media data content-related information and a user device specific indicator; and
embed the watermark signal into the uncompressed data.
12. The user device of claim 11, wherein the digital media data is multimedia data.
13. The user device of claim 11, wherein the digital media data content-related information is derived from information contained in a copyright license data corresponding to the digital media data.
14. The user device of claim 11, wherein the copyright license data includes information that is used to control playback of the digital media data content.
15. The user device of claim 13, wherein the digital media data content-related information includes the digital media data content subscriber information.
16. A method of enforcing a digital media data content's copyright license, comprising:
receiving a digital media data content at a user device;
decrypting the digital media data content into decrypted data in the user device;
decoding the decrypted data into uncompressed data in the user device;
receiving a copyright license data in the user device;
extracting at least one digital media data content-related information from the copyright license data;

generating a watermark signal comprising the at least one digital media content-related information and a user device specific indicator;

embedding the watermark signal into the uncompressed data;

identifying the watermark signal in a suspect copy of the digital media data content;

and

determining whether the suspect copy of the digital media data content was distributed according to the copyright license data.

17. The method of claim 16, wherein the digital media data is multimedia data.
18. The method of claim 16, wherein the digital media data content-related information is derived from information contained in a copyright license data corresponding to the digital media data.
19. The method of claim 16, wherein the digital media data content-related information includes digital media data content subscriber information.
20. The method of claim 16, wherein the digital media data content-related information includes information that is used to control playback of the digital media data content.
21. The method of claim 16, wherein the user device specific indicator includes the user device's unique identification data.
22. The method of claim 16, wherein the digital media data content-related information includes the expiration date of the copyright license.
23. The method of claim 16, wherein the digital media data content-related information includes information on the distribution rights of the copyright license.
24. The method of claim 16, wherein the digital media data content-related information includes information on the geographical limitations on the copyright license.